

FRANK (BOZHENG) MA

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EDUCATION

Master of Engineering Specialized in Software Engineering University of Calgary	05/2024 – 05/2025 <i>Calgary, Canada</i>
Bachelor of Science in Computer Science University of Calgary	09/2018 – 05/2023 <i>Calgary, Canada</i>

SKILLS

Programming Languages: Python, Java, C/C++, C#, JavaScript, HTML & CSS, Swift
Web Technologies: React.js, Vue.js, Node.js, Django, Spring Boot, ASP.NET, RESTful APIs
Databases: PostgreSQL, MySQL, SQL Server, MongoDB
Cloud & DevOps: AWS (Lambda, S3, RDS), Docker, Git, CI/CD Pipelines
Others: Agile, Scrum, MVC, MVVM, Software Design Patterns, Data Analysis, Deep Learning

WORK EXPERIENCE

LIBRARY IT INTERN <i>University of Calgary LCR</i>	11/2024 – 05/2025 <i>Calgary, Canada</i>
<ul style="list-style-type: none">Streamlined device administration by optimizing Casper deployments, developing Mac configuration profiles and JAMF policies; provided first-level hardware and software support for library systems.	
FULL STACK DEVELOPER INTERN <i>Truffle Time Inc.</i>	06/2024 – 12/2024 <i>Calgary, Canada</i>
<ul style="list-style-type: none">Collaborated with a senior developer to build the parent-facing booking portal using Symphony, TypeScript and Next.js, enabling real-time drop-in reservations, secure authentication and responsive calendar views.Contributed to the daycare-side administration dashboard by developing modules for child profiles, class assignments and timeslot management.Supported code quality through unit testing, peer reviews and CI/CD pipeline upkeep; liaised with key shareholders to refine requirements and enhance UI/UX.	
DATABASE & CLOUD ENGINEER <i>Vosyn AI</i>	01/2024 – 05/2024 <i>Toronto, Canada</i>
<ul style="list-style-type: none">Co-led backend development of a Django REST Framework video platform, implemented advanced Typesense search and improved API response times by 30%.Optimized database architecture and integrated AWS services to boost scalability and cut costs, collaborating across teams to accelerate delivery.	

RECENT PROJECTS

VITALITY iOS WORKOUT APP	01/2025 – Present
<ul style="list-style-type: none">Built a comprehensive workout application using SwiftUI, enabling users to record diverse exercises.Integrated Apple Sign In, Apple Health, and Apple Watch connectivity for seamless data synchronization.Pulled health metrics from Apple Health to generate meaningful statistics and interactive graphs.	
CAREVOICE	03/2024
<ul style="list-style-type: none">Collaborated on a cross-functional team, including engineers and nurses, to develop a live transcription service for patient-doctor chats. The goal was to reduce time spent filling out forms for the doctors.Reduced documentation time by 2–3 hours per day through automated form filling.Utilized Gemini AI for real-time summarization of patient–doctor interactions. Uses React and Springboot	